

Express Mail No.: EV529787123US
International Application No.: PCT/JP2004/017849
International Filing Date: December 1, 2004
Preliminary Amendment Accompanying
Substitute Specification

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Canceled)

3. (Currently Amended) An optical recording disc constituted so that data can be recorded therein and reproduced therefrom by being irradiated with a laser beam, the optical recording disc comprising a laminated body formed by laminating a decomposition reaction layer containing platinum oxide PtO_x as a primary component and a light absorbing layer so as to sandwich at least a dielectric layer, the decomposition reaction layer having a light absorption coefficient k equal to or larger than 0.75 and equal to or lower than 2.0.

4. (Currently Amended) An optical recording disc in accordance with ~~Claim claim~~ 3, wherein the decomposition reaction layer has a light absorption coefficient k equal to or lower than 1.0.

5. (Canceled)

6. (Currently Amended) An optical recording disc in accordance with ~~Claim claim~~ 3, wherein when the decomposition reaction layer is irradiated with a laser beam, a bubble pit is formed in the decomposition reaction layer and fine particles

Express Mail No.: EV529787123US
International Application No.: PCT/JP2004/017849
International Filing Date: December 1, 2004
Preliminary Amendment Accompanying
Substitute Specification

of platinum precipitate in the bubble pit, whereby a recording mark is formed in the decomposition reaction layer.

7. (Canceled)

8. (Currently Amended) An optical recording disc in accordance with ~~Claim-claim~~ 3, wherein the platinum oxide contained in the decomposition reaction layer as a primary component is decomposed into platinum and oxygen when the decomposition reaction layer is irradiated with the laser beam.

9. (Canceled)

10. (Currently Amended) An optical recording disc in accordance with ~~Claim-claim~~ 3, wherein the light absorption layer contains at least one of Sb and Te.

11. (Canceled)

12. (Currently Amended) An optical recording disc in accordance with ~~Claim-claim~~ 3, wherein the dielectric layer and the light absorption layer are deformed when the bubble pit is formed in the decomposition reaction layer.

13. (Original) A method for manufacturing an optical recording disc comprising a laminated body formed by laminating a decomposition reaction layer containing platinum oxide PtO_x as a primary component and a light absorbing layer so as to sandwich at least a dielectric layer and constituted so that data can be recorded therein and reproduced therefrom by being irradiated with a laser beam, the method for manufacturing an optical recording disc comprising steps of applying power onto a target

Express Mail No.: EV529787123US
International Application No.: PCT/JP2004/017849
International Filing Date: December 1, 2004
Preliminary Amendment Accompanying
Substitute Specification

containing platinum as a primary component with a power density smaller than 4 W/cm² in a sputtering gas atmosphere containing oxygen in an amount of a flow ratio equal to or larger than 10 % and forming the decomposition reaction layer by a sputtering process.

14. (Currently Amended) ~~A method for manufacturing an~~ An optical recording disc in accordance with ~~Claim~~ claim 13, wherein the decomposition reaction layer is formed by setting the power density to be smaller than 2 W/cm².

15. (Currently Amended) ~~A method for manufacturing an~~ An optical recording disc in accordance with ~~Claim~~ claim 13, wherein the decomposition reaction layer is formed by setting a pressure in a chamber to be equal to or higher than 0.5 Pa when the sputtering gas is introduced into the chamber.

16. (Currently Amended) ~~A method for manufacturing an~~ An optical recording disc in accordance with ~~Claim~~ claim 13, wherein the decomposition reaction layer is formed by setting a film forming rate for forming the decomposition reaction layer to be lower than 250 Å/min.